

## GILA RIVER BASIN

## 09498501 PINTO CREEK BELOW HAUNTED CANYON NEAR MIAMI, AZ

**LOCATION**--Lat 33°25'07", long 111°00'32", in SE<sub>1/4</sub>NE<sub>1/4</sub>, sec. 23, T.1 N., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 3/4 mi downstream from Haunted Canyon, in Tonto National Forest, in Gila County, approximately 8 mi west-northwest of Miami, AZ.

**DRAINAGE AREA**--37.3 mi<sup>2</sup>, from topographic map.

**PERIOD OF RECORD**--Oct. 1995 to current year.

**GAGE**--Water-stage recorder. Control is a 90° V-notch, since Aug. 26, 1996. Elevation of gage is 3,180 ft above sea level, from topographic map.

**REMARKS**--Records good, except estimated daily discharges, which are poor. Some flows affected by pumpage from upstream wells.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 4,060 ft<sup>3</sup>/s, Feb. 12, 2005, at gage height 12.38 ft, recorded at gage. Minimum daily discharge, no flow for many days for the period July 2002 through Sept. 2004.

**EXTREMES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 100 ft<sup>3</sup>/s and (or) maximum (\*):

	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
	Dec. 29 .....	1645	895	7.77	Jul. 26 .....	1415	102	4.86
	Jan. 4 .....	0630	1,830	9.55	Jul. 31 .....	1645	169	5.31
	Feb. 12 .....	0935	*4,060	*12.38	Aug. 9 .....	1545	346 (e)	6.14 (e)
	Feb. 20 .....	0300	400	6.35	Aug. 12 .....	1745	511	6.73
	Feb. 22 .....	0515	492	6.67	Sept. 7 .....	1830	219	5.60
	Mar. 6 .....	1330	158	5.24				

Minimum daily discharge, 0.01 ft<sup>3</sup>/s Oct. 1–21 and July 30.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.02	0.07	8.5	13	25	4.0	1.0	0.34	0.12	1.7	0.17
2	0.01	0.02	0.06	5.9	11	20	3.8	0.98	0.33	0.11	0.09	0.24
3	0.01	0.03	0.06	228	8.8	16	3.8	0.96	0.32	0.11	0.08	0.28
4	0.01	0.03	0.07	1020	7.4	14	3.4	0.98	0.31	0.11	0.07	0.22
5	0.01	0.03	0.07	224	6.7	55	3.1	1.1	0.30	0.10	0.07	0.16
6	0.01	0.03	0.09	85	5.9	109	2.5	1.0	0.28	0.10	0.07	0.15
7	0.01	0.03	0.08	46	11	75	2.3	1.0	0.28	0.10	0.07	18
8	0.01	0.03	0.08	29	11	51	2.3	0.98	0.26	0.10	0.07	4.1
9	0.01	0.03	0.09	20	8.0	36	1.9	0.91	0.26	0.10	e55	1.0
10	0.01	0.03	0.09	15	8.1	29	1.7	0.86	0.25	0.11	e12	0.66
11	0.01	0.03	0.09	12	546	23	1.7	0.83	0.24	0.10	e0.56	0.32
12	0.01	0.04	0.09	12	2410	19	1.7	0.80	0.23	0.09	e39	0.29
13	0.01	0.04	0.10	8.2	683	16	1.7	0.76	0.23	0.08	8.3	0.30
14	0.01	0.04	0.10	6.9	244	14	1.7	0.72	0.21	0.08	0.83	0.30
15	0.01	0.04	0.11	5.7	134	12	1.6	0.69	0.21	0.08	4.3	e0.21
16	0.01	0.04	0.12	4.8	82	10	1.6	0.65	0.20	0.08	3.1	e0.20
17	0.01	0.04	0.12	4.1	52	9.1	1.6	0.60	0.19	0.07	0.89	e0.17
18	0.01	0.05	0.13	3.5	52	8.2	1.5	0.58	0.19	0.07	0.22	e0.16
19	0.01	0.05	0.15	3.1	184	7.8	1.4	0.55	0.18	0.07	0.15	e0.15
20	0.01	0.05	0.17	2.8	257	15	1.2	0.52	0.17	0.07	0.38	e0.15
21	0.01	0.05	0.18	2.6	125	11	1.2	0.49	0.17	0.07	0.15	e0.15
22	0.02	0.06	0.19	2.3	285	8.4	1.2	0.48	0.16	0.07	0.16	e0.15
23	0.02	0.06	0.20	2.2	161	7.6	1.4	0.46	0.16	0.07	0.17	e0.16
24	0.02	0.06	0.21	2.1	115	6.9	2.0	0.44	0.15	0.08	0.18	e0.15
25	0.02	0.06	0.22	2.0	88	6.6	1.7	0.43	0.14	0.08	0.17	e0.15
26	0.02	0.06	0.22	6.2	64	6.2	1.4	0.41	0.14	4.0	0.17	e0.15
27	0.02	0.06	0.22	34	47	5.6	1.3	0.40	0.13	0.42	0.17	e0.15
28	0.02	0.06	0.23	24	34	5.5	1.1	0.39	0.13	0.09	0.17	e0.14
29	0.02	0.07	133	19	---	5.1	1.1	0.38	0.13	0.02	0.17	e0.14
30	0.02	0.07	50	22	---	4.8	1.1	0.36	0.12	0.01	0.16	e0.13
31	0.02	---	15	17	---	4.4	---	0.35	---	11	0.16	---
TOTAL	0.41	1.31	201.61	1877.9	5653.9	636.2	58.0	21.06	6.41	17.76	128.78	28.70
MEAN	0.01	0.04	6.50	60.6	202	20.5	1.93	0.68	0.21	0.57	4.15	0.96
MAX	0.02	0.07	133	1020	2410	109	4.0	1.1	0.34	11	55	18
MIN	0.01	0.02	0.06	2.0	5.9	4.4	1.1	0.35	0.12	0.01	0.07	0.13
AC-FT	0.8	2.6	400	3720	11210	1260	115	42	13	35	255	57
CFSM	0.00	0.00	0.17	1.62	5.41	0.55	0.05	0.02	0.01	0.02	0.11	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

(WY)	MEAN	MAX	MIN	AC-FT	CFSM
2001	1.83	16.9	0.04	2001	2005
2005	6.50	60.6	0.06	2005	2005
2000	2001	2005	2005	1998	1999
2002	2005	2005	2000	2002	2004

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1996 - 2005

ANNUAL TOTAL	898.97	8632.04	
ANNUAL MEAN	2.46	23.6	4.37
HIGHEST ANNUAL MEAN			0.22
LOWEST ANNUAL MEAN			2002
HIGHEST DAILY MEAN	434	Mar 5	2410 Feb 12
LOWEST DAILY MEAN	0.00	Jul 21	0.01 Oct 1
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 21	0.01 Oct 1
ANNUAL RUNOFF (AC-FT)	1780		17120
ANNUAL RUNOFF (CFSM)	0.066		0.634
10 PERCENT EXCEEDS	1.1		24
50 PERCENT EXCEEDS	0.07		0.28
90 PERCENT EXCEEDS	0.00		0.03
			0.117
			3.2
			0.24
			0.02

e Estimated